# PROCEDURE FOR THE CALIBRATION OF THE MARSHALL HAND HAMMER AASHTO T 245

## A. PURPOSE

This procedure is intended to provide instructions for the calibration of critical dimensions of the Marshall hand hammer.

## B. APPARATUS REQUIRED

1. Scale accurate to the nearest 0.01 lbs.
2. Steel ruler accurate to the nearest 0.01 in.
3. Calipiers accurate to the nearest 0.001 in.

## C. PROCEDURE

Verify the weight of the sliding weight, verify the drop of the sliding weight, and verify the diameter of the foot of the hammer. Record the verification results on form OMR-CVP-26A.

## D. TOLERANCE

Tolerances shall be as listed in AASHTO T-245.

# Hand Hammer Calibration

AASHTO T-245

Verified by _____ Date _____

Equipment ID _____ Location _____

Verification Equipment Used _____ Verification Frequency: _____

Verification Equipment Used _____ Previous Verification Date _____

Next Due Date _____

Verification Procedure: OMR-CVP-26A

| Date Calibrated | Next Calibration | Weight (LBS.) | Drop (IN) | Foot Diameter (IN) | Signature |
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Method of Calibration: The weight of the sliding weight should be checked with a scale accurate to the nearest 0.01 LB. (Tolerance – 10 ± .02 LB.) The drop of the sliding weight should be measured with a steel ruler accurate to the 0.01 IN. (Tolerance – 18 ± 0.06 IN.) The foot diameter should be measured with a caliper accurate to the 0.001 IN. (The diameter of the foot should be 3.875 IN.)